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Clean Energy and Water Program

Sixth International Forum on Energy for Sustainable Development

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CEW Program Senior Engineer*

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Yerevan, Armenia
2015



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General Information

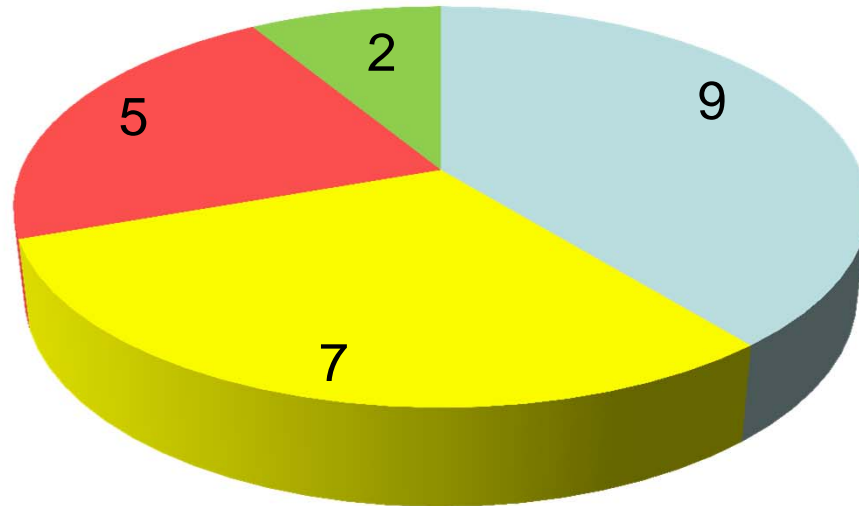
Number of projects	24	
Population	52,000	
Energy saving	1,500	MWh / year
Water saving	1,6	Mm ³ / year



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Project Profiles



■ water supply

■ insulation, EH

■ efficient lighting

■ renewable energy



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Technologies/ Methods

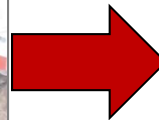
- *LED, CFL*
- *Radiant Heating*
- *Heat Pumps*
- *Insulation / Basalt Fiber*
- *Ventilated Facade / Vinyl Siding*
- *Efficient Pumps*
- *Variable Frequency Drives*
- *PE Pipes*
- *Water Meters / Accounting for Water*



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Water Supply Improvement





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Insulation, Efficient Heating





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Weatherization and Infrared Radiant Heating Systems Installation

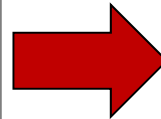




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Weatherization and Infrared Radiant Heating Systems Installation

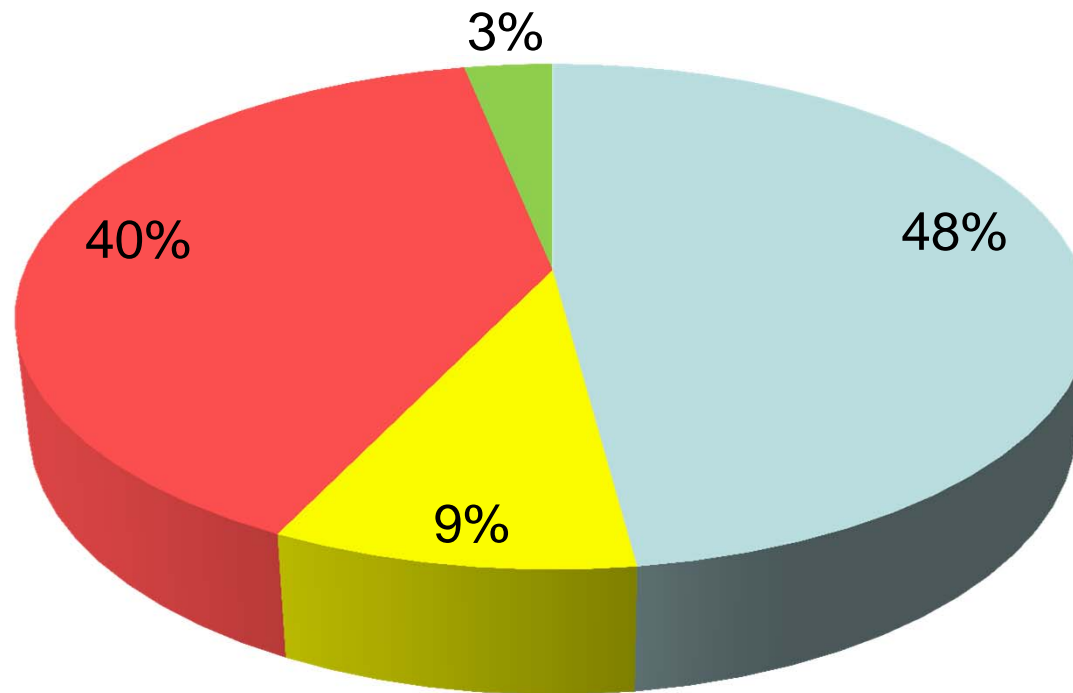




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Energy Saving



■ water supply

■ insulation, EH

■ efficient lighting

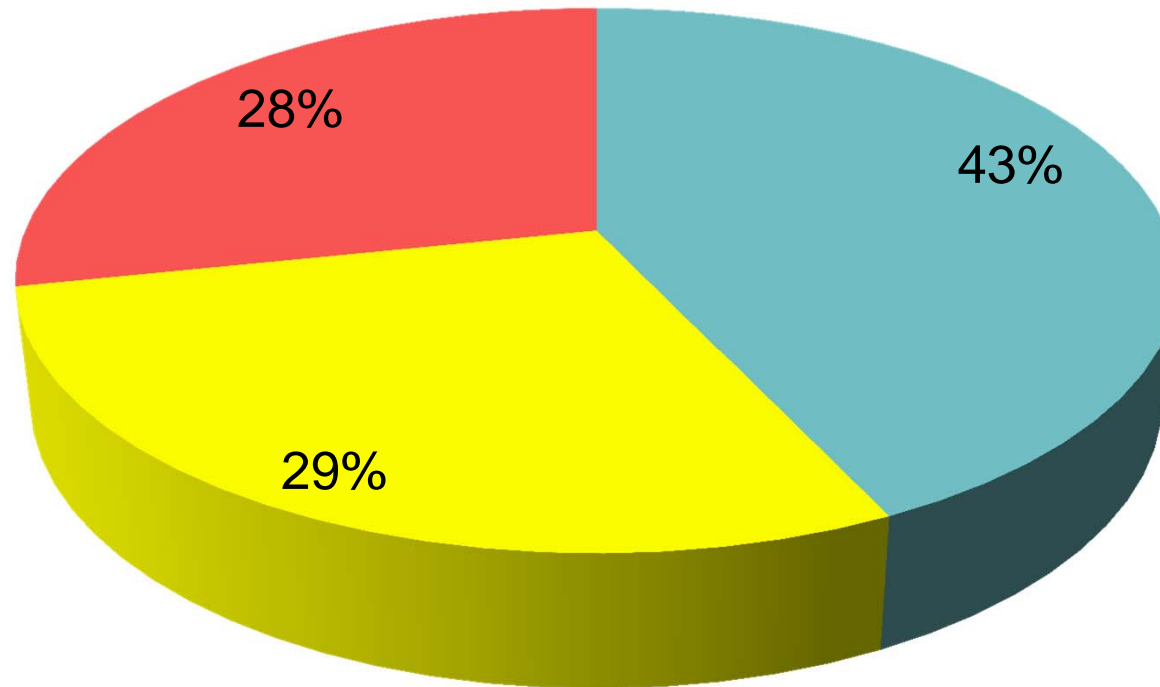
■ renewable energy



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Project Funding



■ CEWP ■ Communities ■ Other partners



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Return on Investment

	Cost	Saving	Revenue	Return
Water supply	890,609	74,818	70,039	6
Efficient lighting	76,253	14,054	0	5
Insulation, EH	169,927	60,511	0	3
Renewable energy	44,400	4,851	0	9



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Thank You!

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